

**Process for the preparation of storage-stable multiple emulsions**

**A b s t r a c t**

- 5    A process is described for the preparation of storage-stable, multiple emulsions of the water/oil/water (W/O/W) type which comprise one or more active ingredients.

The process comprises the steps

- 10    a)    stirring the active ingredient into an aqueous phase,  
      b)    emulsifying the aqueous phase by passing the aqueous phase through a large-pored, porous membrane into an oil phase,  
      c)    phase inversion of the emulsion from b), by cooling the mixture at a cooling rate of at least 0.3 K/min, where an emulsifier is added either to the aqueous  
15        phase in a) or to the oil phase in b) or to both phases.